# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 19 May 2021 until 23:59 on Thursday 20 May 2021

Forecast Issued on Wednesday 19 May 2021 at 02:58

**Confidence:** High for the showery theme on Wednesday and for becoming wet and windy Thursday and Friday, but only low for the detail of strongest winds and timing of any rain.

**Headline for Wednesday 19 May 2021:** Sunny spells and showers, easing off quickly in the afternoon.

**Mountain weather hazards on Wednesday 19 May 2021**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Low Likelihood

**Thunderstorms**
Low Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
Medium Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Sunny intervals | Sunny intervals | Light rain showers | Cloudy | Sunny | Clear night |
| Precipitation probability | | | | | |
| 10% | 30% | 50% | 30% | 00% | 00% |

**Forecast for Wednesday 19 May 2021**

**Weather:** A largey sunny start to Wednesday, with mist and shallow fog in the valleys, quickly dissipating after sunrise. Showers developing quickly during the morning, possibly heavy for a time with a very low risk of thunder. During the afternoon showers will clear away to the east, with cloud gradually dissipating to leave a bright evening. Clear skies continuing overnight

**Chance of cloud free mountain/hill tops above 600m:** 60% at first, with patchy low cloud over northern and western parts, but quickly increasing to 95% or more later in the morning and through the afternoon.

**Visibility:** Locally poor on summits with cloud down to around 300m before breaking and lifting. Becoming very good with excellent clarity, but some sudden brief deteriorations are likely in any heavier showers.

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# Mountain Weather Forecast

**Forecast for Wednesday 19 May 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/10 W | 9/13 NW | 11/16 NW | 12/18 W | 14/20 W | 9/17 SW | 7/14 SW |
| **300** | 2/7 NW | 7/13 NW | 7/14 W | 12/21 W | 11/19 W | 7/17 W | 3/10 SW |
| **Valley** | 1/3 N | 5/10 W | 9/17 W | 10/19 W | 8/16 W | 3/12 SW | 2/6 SE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/3 | 7/4 | 8/5 | 8/5 | 8/4 | 5/2 | 4/2 |
| **300** | 6/6 | 10/8 | 10/9 | 11/8 | 10/8 | 6/4 | 5/4 |
| **Valley** | 8/7 | 11/10 | 12/10 | 13/11 | 12/10 | 7/6 | 6/5 |
| **Freezing Level*** | 1300m | 1300m | 1300m | 1400m | 1400m | 1300m | 1300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A cool and cloudy morning with heavy showers impacting visibility at times. Conditions improving significantly during the afternoon with clear skies and good visibility, but high UV levels are expected so sun protection is advised.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Tue 18 May 2021 | 11.6mm | 14.8mm | 20.6mm |

**Forecast for Thursday 20 May 2021**

**Weather:** A dry and bright start with cloud and rain rapidly moving in from the west during the morning. The rain will be fairly persistent throughout the day with poor visibility expected and cloud occasionally lowering to the summits. Strong southerly winds are expected during the afternoon, but possibly easing for a short time overnight.

**Maximum wind:** Southerly 25-30 mph gusting 35-40 mph.

**Chance of cloud free mountain/hill tops above 600m:** 90% deteriorating to 30% in the morning, then 10% or less in the afternoon.

**Visibility:** Good at first, quickly becoming poor during the morning with only brief improvements during the day.

**Temperature:** **Valleys:** Plus 4 Celsius becoming Plus 8 Celsius.
**At 600m:** Plus 4 Celsius becoming Plus 7 Celsius.
**Freezing level:** Above summits.

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